

# Focus Profile



Light Efficiency:

21 Lumen/Watt

Light Quality:

CRI: 68.9

Color Temperature:

6326 K

Output: 12500 lm

Peak: 666145 cd

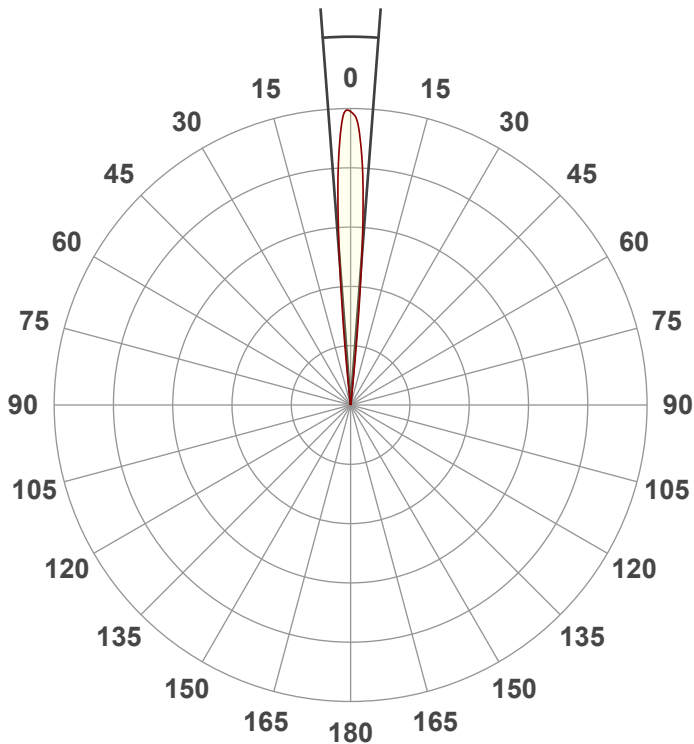
Power: 585 W

PF: 1.0



Beam Angle

8.7°



Test:

Zoom In Frost

Date:

9/8/2021

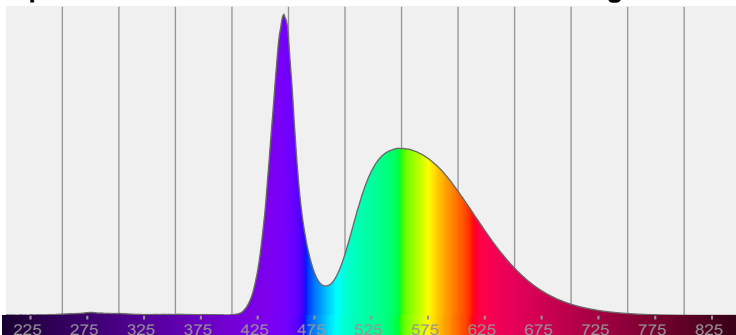
Note:

PT# 0077

CIE 1931  
x: 0.315  
y: 0.335

Spectra

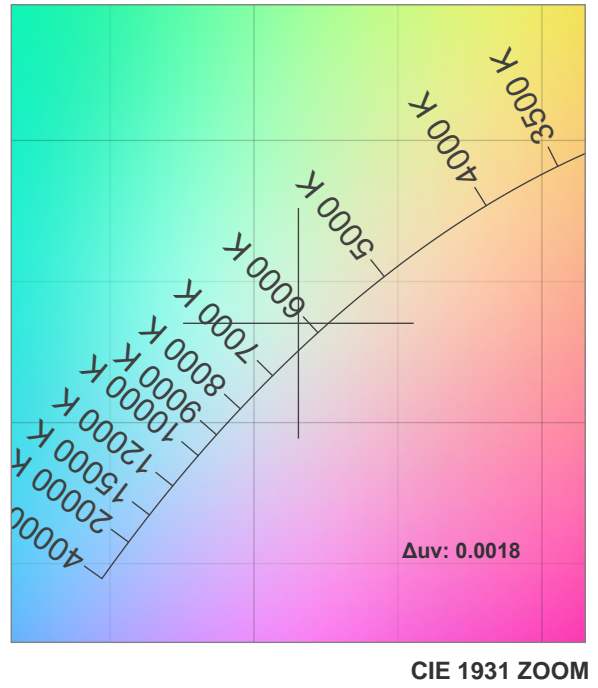
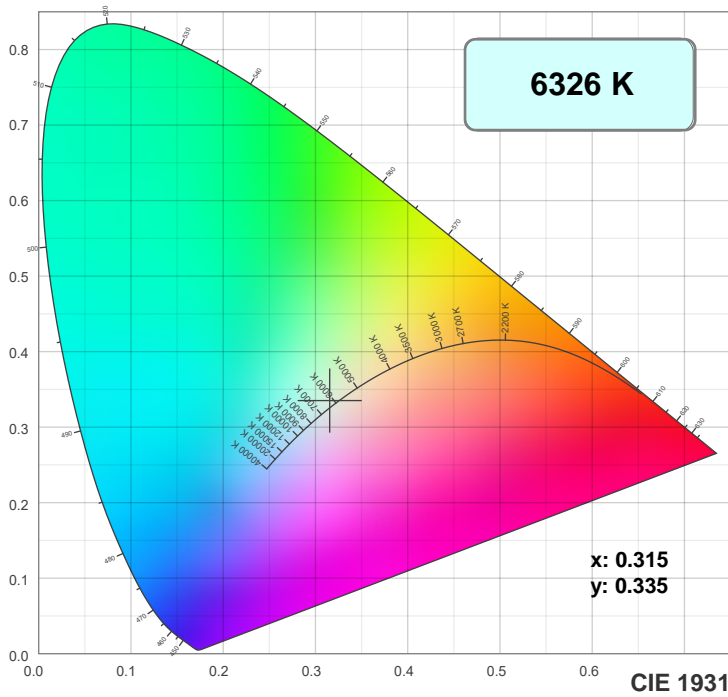
Dominant Wavelength: 567nm



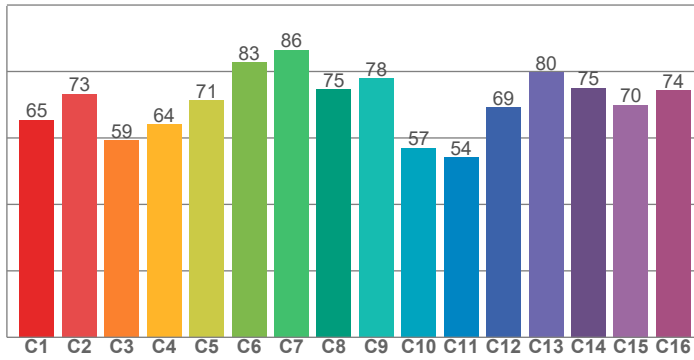
Power

Voltage: 114 V  
Current: 5.13 A  
Frequency: 0 Hz

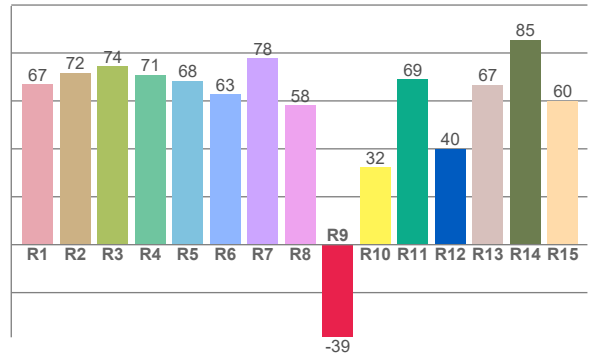
## Color Details



TM30: 70.3



CRI: 68.9 (R1-R8)



CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
66.8	71.7	74.3	70.9	68.4	62.8	77.8	58.2	-38.6	32.3	68.9	40.0	66.7	85.5	60.1

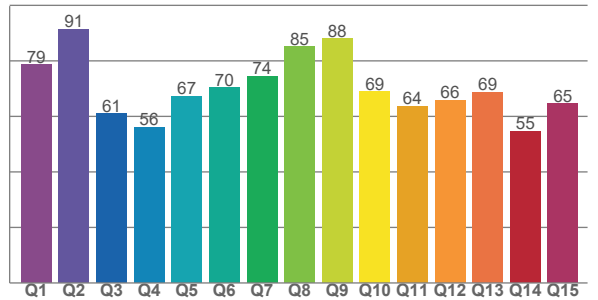
TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
65.4	73.2	59.3	64.0	71.3	82.7	86.5	74.6	77.9	57.0	54.2	69.2	79.8	75.1	70.0	74.2

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
78.6	91.5	60.9	56.1	67.2	70.4	74.4	85.0	87.9	68.9	63.7	65.8	68.7	54.6	64.6

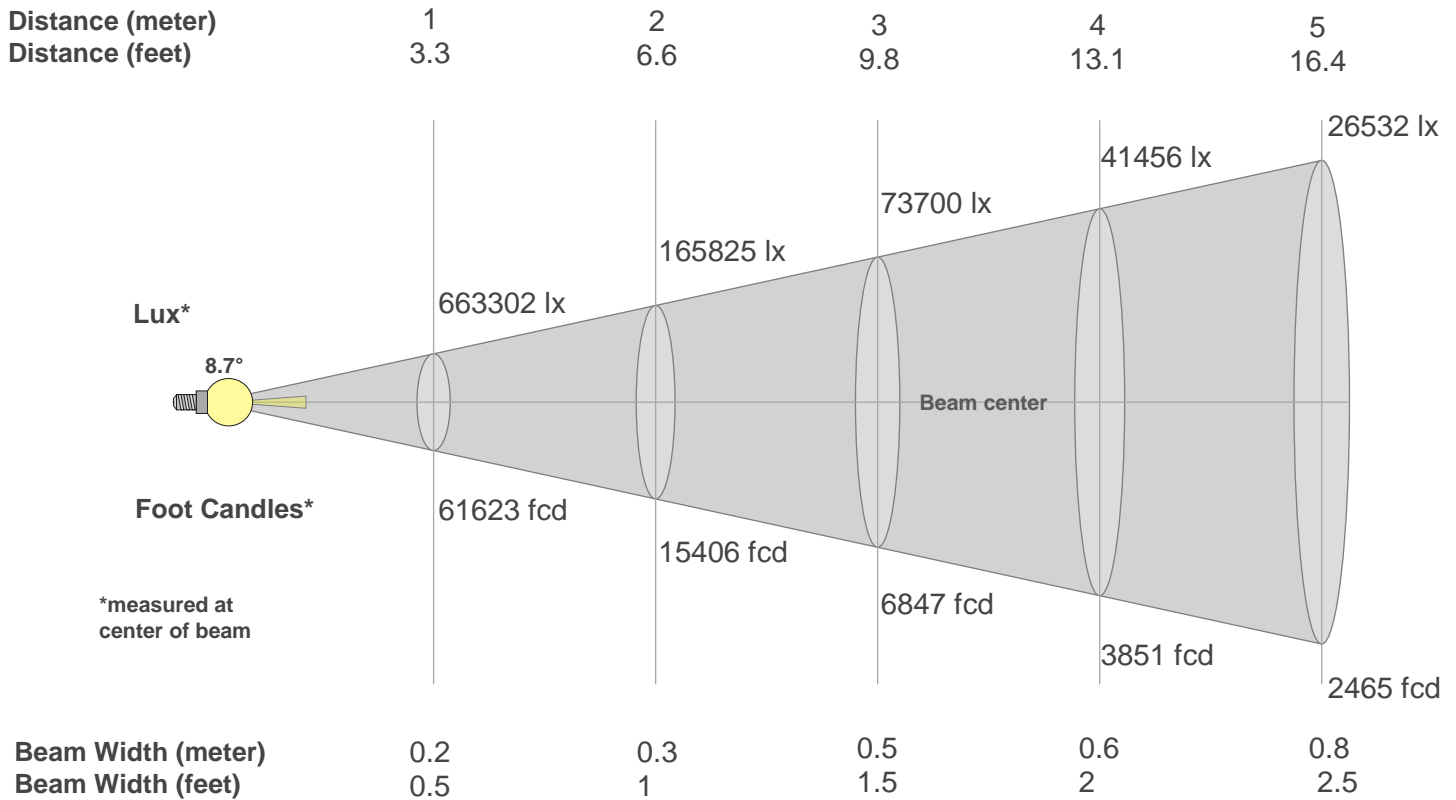
CQS: 68.7



## Color Parameters

Color Temperature	Color Rendering Index	Red Component	Color Fidelity	Color Gamut	Color Quality Scale	Color Coordinate CIE 1931	Color Coordinate CIE 1931	Color Coordinate	Color Coordinate	Color Deviation from Black Body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	$\Delta uv$
6326 K	68.9	-38.6	70.3	93.7	68.7	0.315	0.335	0.197	0.315	0.0018

## Beam Details



Beam Intensities from 1-20m

m	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
ft	3.3	6.6	9.8	13.1	16.4	19.7	23	26.2	29.5	32.8	36.1	39.4	42.7	45.9	49.2	52.5	55.8	59.1	62.3	65.6
lx	663302	165825	73700	41456	26532	18425	13537	10364	8189	6633	5482	4606	3925	3384	2948	2591	2295	2047	1837	1658
fcd	61622.7	15405.7	6847	3851.4	2464.9	1711.7	1257.6	962.9	760.8	616.2	509.3	427.9	364.6	314.4	273.9	240.7	213.2	190.2	170.7	154.1

Intensities in 0° C-plane

0°	1°	2°	3°	4°	5°	6°	7°	8°	9°	10°	11°	12°	13°	14°	15°	16°	17°	18°	19°
663K	664K	624K	534K	390K	215K	65K	2K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K
100%	100%	94%	80%	59%	32%	10%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Intensities in 90° C-plane

0°	1°	2°	3°	4°	5°	6°	7°	8°	9°	10°	11°	12°	13°	14°	15°	16°	17°	18°	19°
663K	664K	624K	534K	390K	215K	65K	2K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K
100%	100%	94%	80%	59%	32%	10%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Intensities in 180° C-plane

0°	1°	2°	3°	4°	5°	6°	7°	8°	9°	10°	11°	12°	13°	14°	15°	16°	17°	18°	19°
663K	651K	605K	523K	389K	214K	56K	2K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K
100%	98%	91%	79%	59%	32%	8%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Intensities in 270° C-plane

0°	1°	2°	3°	4°	5°	6°	7°	8°	9°	10°	11°	12°	13°	14°	15°	16°	17°	18°	19°
663K	651K	605K	523K	389K	214K	56K	2K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K	0K
100%	98%	91%	79%	59%	32%	8%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Beam Angle 50%	Field Angle 10%	Cutoff Angle 2,5%	Intensity Ratio in 120° Cone	Intensity Ratio in 90° Cone
8.7°	11.9°	13°	100.0%	100.0%